

SIEMENS

SIREMOBIL Compact

SP

Installation and Setting Instructions

Installing the video printer

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Register 3

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General

Safety notice

CAUTION

When performing service work and tests, adhere to the product-specific safety information contained in the documents as well as the general safety information contained in the ARTD, part 2.

Tests and adjustments performed with radiation on are identified with the radiation warning symbol ☸ . During these types of adjustments, radiation protection must be worn.

Protective conductor test

After completion of all service work and tests and reattaching all covers, perform the protective conductor test according to ARTD - 002.731.17... .

The protective conductor resistance must not exceed 0.2 ohms.

Additional notice

These instructions apply to retrofitting a video printer on a SIREMOBIL Compact only.

Parts required

- Retrofit kit for installing video printer 31 00 497 G5437

Measurement and auxiliary devices required

- Service PC
- Service software (refer to Log book)
- Connection cable (from service PC to host) 99 00 440 RE999
- Protective conductor meter 44 15 899 RV 090

Tools required

- Tool kit (refer to ARTD / part 3)
- 1 set of Allen keys

CAUTION

Disconnect the SIREMOBIL Compact from the main power supply prior to beginning this procedure.

If the MS2000 multiformat camera is connected

Power cable

Notice

SIREMOBIL Compact units from serial numbers >1300 include at the secondary side of the transformer T1 connectors for line voltages of 100VAC and 120VAC. A released video printer with the corresponding line voltage can be connected to these connectors.

At the SIREMOBIL Compact with serial numbers 01001 to 01299, only released video printers with a needed line voltage of 230VAC can be connected.

Video printer with 100VAC line voltage:

- Connect the line wires to transformer T1, connector TI - 34 and TI - 36.
- Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Video printer with 120VAC line voltage:

- Connect the line wires to transformer T1, connector TI - 35 and TI - 36.
- Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Video printer with 230VAC line voltage:

- Connect the line wires of the video printer at terminals X2.1 and X2.2.
- Connect the protective conductor at the corresponding location (yellow/green).
- Route the line wires to the video printer compartment.

Hardcopy exposure control cable

- Route the end of the cable with the 3.5 mm jack to the video printer compartment.

Video cable

- Disconnect the 75 ohm termination from the video output of the multiformat camera.
- Connect the video cable to the multiformat camera and route it to the video printer compartment.
- Connect the video printer. Ensure proper termination of the video cable (75 ohm).

Function test

- Call up a fluoroscopic image on monitor A or monitor B.
- Release an exposure at the operating panel of the basic system and at the monitor trolley keyboard.
 - ⇒ The video printer should print an image in both cases.

If a multiformat camera is not connected

Power cable

Notice

SIREMOBIL Compact units from serial numbers >1300 include at the secondary side of the transformer T1 connectors for line voltages of 100VAC and 120VAC. A released video printer with the corresponding line voltage can be connected to these connectors.

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Video printer with 120VAC line voltage:

- Connect the line wires to transformer T1, connector TI - 35 and TI - 36.
- Connect the protective conductor to the protective conductor terminal stripe (ye/gn).

Video printer with 230VAC line voltage:

- Connect the line wires of the video printer at terminals X2.1 and X2.2.
- Connect the protective conductor at the corresponding location (yellow/green).
- Route the line wires to the video printer compartment.

Hardcopy exposure control cable

- Connect the control cable included with the shipment at the Memoskop "Printer" connection.
- Route the end of the cable with the 3.5 mm jack to the video printer compartment.

Video cable

- Connect the video cable at the Memoskop "Out3" connection.
- Route the video cable to the video printer compartment.
- Connect the video printer. Ensure proper termination of the video cable (75 ohm).

Programming**For Memoskop C (with keyboard)**

- Switch on the system.
- Press [CTRL] and [U] simultaneously on the Memoskop keyboard.
 - ➡ This calls the "User Setup menu" for Memoskop.
- Call up the "C Documentation" sub-menu.
- Perform the configuration on monitor A for SIREMOBIL Compact systems with one monitor.
- Perform the configuration on monitor B for SIREMOBIL Compact systems with two monitors.
- If the system is equipped for area dose measurement (Diamentor), call up the "K documentation of the dose" sub-menu and configure to "yes".
- End the "User menu".
- Switch the SIREMOBIL Compact off and on again to activate the new configuration.

For Memoskop C-E (without keyboard)

- Switch on the system.
- Connect the service PC to the service interface of the SIREMOBIL Compact.
- Install and start the MEMOSKOP service program on the service PC.
- Program "Hardcopy release" on SIREMOBIL Compact systems with one monitor.
- Program "Hardcopy release" on SIREMOBIL Compact systems with two monitors.
- If the system is equipped with an area dose measurement device (Diamantor), activate "Dose on hardcopy output" as well.
- Transfer the parameters to the MEMOSKOP.
- Exit the MEMOSKOP service program.

Function test

- Call up a fluoroscopic image on monitor A and/or monitor B.
- Release an exposure at the operating panel of the basic system and at the monitor trolley keyboard.

⇒ The video printer should print an image in both cases.

Final steps

- Switch off the SIREMOBIL Compact.
- Test the protective conductor using the protective conductor meter 44 15 899 RV 090. Refer also to ARTD - 002.731.17...

Changes as compared to previous versions

- Paragraph on page 3 and 5 "Power cable" changed.

TD SD 24 / Arnold

TD SD 24 / Groß

SMS Iselin / O'Donnell

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